

Converting Colors

YUV(148.7980, 19.8196,
-10.3468)

Have a look what the booklet for
YUV(148.7980, 19.8196, -10.3468)
contains.

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Color

**YUV(148.7980, 19.8196,
-10.3468)**

Conversions

Conversions Part 1

Format	Color
Hex	8993BD
RGB	137, 147, 189
RGB Percent	54%, 58%, 74%
CMY	0.4627, 0.4235, 0.2588
CMYK	0.28, 0.22, 0.00, 0.26
HSL	228°, 28%, 64%
HSV	228°, 28%, 74%
XYZ	29.9356, 29.8599, 52.3299
YIQ	148.7980, -19.4420, 10.9420

Conversions

Conversions Part 2

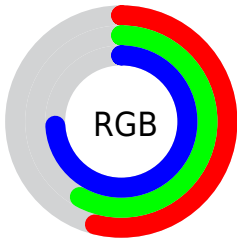
Format	Color
RYB	137, 145, 189
Decimal	9016253
CIELab	61.53, 5.99, -22.98
CIELCh	62, 23.751, 284.617
Yxy	29.8599, 0.2670, 0.2663
Android (android.graphics.Color)	4287206333 (0xFF8993BD)
YUV	148.7980, 19.8196, -10.3468
Hunter-Lab	54.6442, 2.1596, -18.5279

Details

The YUV color **148.7980, 19.8196, -10.3468** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177.2020, -19.8196, 10.3468**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0260, 20.6932, -10.5468**, and **98.1570, 18.6566, -10.6617** is the 20% darker color. If you saturate the color by 10%, you get **134.3120, 26.9612, -14.3056**, and if you desaturate by 10%, it is **163.2840, 12.6780, -6.3881**.

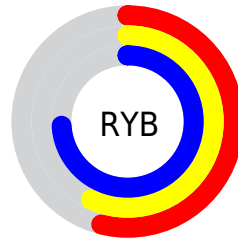
Distribution



Red (54%)

Green (58%)

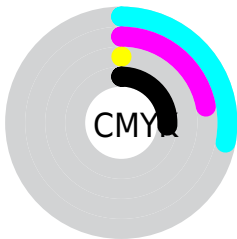
Blue (74%)



Red (54%)

Yellow (57%)

Blue (74%)

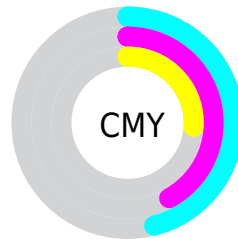


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (42%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7980, 19.8196, -10.3468 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 148.7980, 19.8196, -10.3468 by changing the saturation by 10% instead.

■ 148.7980, 19.8196,
-10.3468

■ 148.7980, 19.8196,
-10.3468

255.0000, 0.0000,
0.0000

■ 122.6840, 19.3828,
-10.2469

■ 203.0260, 20.6932,
-10.5468

■ 98.1570, 18.6566,
-10.6617

■ 228.9740, 12.8308,
-8.7472

■ 73.6300, 17.9304,
-11.0765

■ 252.9070, 1.0318,
-4.3034

■ 50.8040, 17.3516,
-12.1061

■ 27.9670, 16.7783,
-14.8801

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 148.7980, 19.8196,
-10.3468

■ 148.7980, 19.8196,
-10.3468

■ 134.3120, 26.9612,
-14.3056

■ 163.2840, 12.6780,
-6.3881

■ 119.2390, 34.3922,
-17.7496

■ 178.3570, 5.2470,
-2.9441

■ 104.7530, 41.5338,
-21.7084

■ 192.8430, -1.8946,
1.0147

■ 90.2670, 48.6754,
-25.6672

■ 207.3290, -9.0362,
4.9735

■ 75.7810, 55.8170,
-29.6259

■ 221.8150,
-16.1778, 8.9322

■ 61.0070, 63.1005,
-32.4551

■ 236.5890,
-23.4614, 11.7614

■ 46.5210, 70.2421,
-36.4139

■ 246.8890,
-28.5393, 7.1133

■ 42.6780, 72.1367,
-37.4286

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.2360, 22.0687, -31.7790



148.7980, 19.8196, -10.3468



151.6220, 13.4974, 10.8555

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



148.7980, 19.8196, -10.3468



150.0120, -14.7959, 32.4385



141.2320, -2.0864, -30.8985

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



148.7980, 19.8196, -10.3468



177.2020, -19.8196, 10.3468

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



143.8940, -12.7657, -12.1850



148.7980, 19.8196, -10.3468



148.8660, -20.1469, 22.0425

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



148.7980, 19.8196, -10.3468



151.0260, -5.9288, 35.0572



146.6960, -19.0771, 5.5286



138.5430, 9.5923, -43.4492

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



148.7980, 19.8196, -10.3468



152.0920, 7.3496, 22.7213



146.6960, -19.0771, 5.5286



142.2390, -6.0338, -24.7656

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



148.7980, 19.8196, -10.3468



229.6280, 7.5784, -4.0588



172.3120, 3.2972, -30.9686



113.1290, 4.3734, -2.7441



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.7980, 19.8196, -10.3468



182.6260, 30.7504, -16.3350



147.7120, 20.3550, 4.6376



87.2000, 3.3524, -1.9294



35.6220, 60.3324, -31.2405



7.0560, 11.8044, -6.1881

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



153.6880, -3.2972, 30.9686



190.0430, -4.9512, 48.1973



178.2880, -20.3550, -4.6376



87.9190, -0.4531, 5.3330



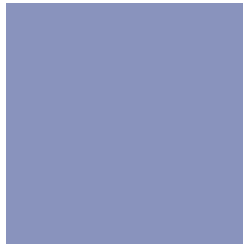
50.6620, -10.1864, 94.1354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 148.7980, 19.8196, -10.3468 looks on a white background.

Color Contrast Check

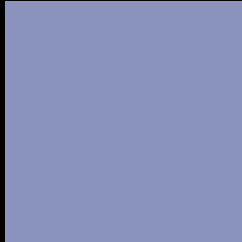
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 148.7980, 19.8196, -10.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

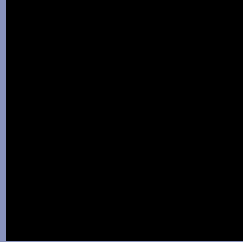
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 148.7980, 19.8196, -10.3468

Background



This preview shows how black text looks on a background with the YUV color 148.7980, 19.8196, -10.3468.



This preview shows how white text looks on a background with the YUV color 148.7980, 19.8196, -10.3468.

-10.3468.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

148.7980, 19.8196, -10.3468

Protanopia

149.0970, 19.6722, -9.7321

Deuteranopia

149.4070, 19.5193, -9.3729



Tritanopia

147.3880, 8.1897, -13.4953

Trichromacy



Original Color

148.7980, 19.8196, -10.3468

Protanomaly

149.0970, 19.6722, -9.7321

Deuteranomaly

149.1080, 19.6668, -7.9877

Tritanomaly

147.8380, 12.4049, -12.1359

Monochromacy



Original Color

148.7980, 19.8196, -10.3468

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9270, 7.4310, -3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7980, 19.8196, -10.3468 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 147, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 147, 189) }
```

Border

The CSS property to change the border of an element to YUV 148.7980, 19.8196, -10.3468 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 147, 189) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 147, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 147, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 147, 189);  
box-shadow:4px 4px 4px 4px rgb(137, 147,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 148.7980, 19.8196, -10.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 147, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
147, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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